PROSTAGE
control without limits!

XDS Loop System
Users Manual

Firmware Version 1.80
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NOTE => This manual uses digital bookmarks. You can show them by clicking on the "flag" icon in the top left of Acrobat Reader. A click on a topic flips directly to that chapter.

1 Introduction

Dear Customer

Thank you for purchasing the Prostage XDS loop system. The XDS has been designed to remotely switch guitar effect pedals, MIDI units and other electronic equipment with one single MIDI foot controller.

The XDS provides eight audio loops, divided into two independent groups, various power supplies for the stompboxes, a tap switch and a versatile MIDI mapping. All in one compact, single rack drawer. As the audio loops contain no active circuitry, the XDS can work with any effects device regardless of signal level.

With a Prostage foot controller or any other MIDI footswitch sending MIDI Control Changes, you turn effects on and off easily as you would do directly on the pedalboard ("Stompbox Mode"). Another approach would be creating unique presets for each sound accessible via a single tap on a MIDI foot controller switch. Or you could combine the preset-approach with the "Stompbox Mode".

1.1 XDS Features

- Eight audio loops for effect switching (two groups of four loops each)
- Six completely isolated power supplies (4-9V DC adjustable, 9V DC, 12V DC, 18V DC, 9V AC and 12V AC)
- StageWire technology: Connection to the foot controller using a standard microphone cable
- Phantom power for Prostage foot controllers
- Works with all MIDI footswitches
- Responds to Program Change and Control Change messages
- Easy programmability of the loops via front panel buttons
- Extended programmability via System Manager software for PC or Mac
- MIDI Mapper to control connected MIDI gear
- 128 programs can be saved in memory
- LEDs display the switching states
- Tap relay connection
- High-quality, gold plated relays for optimal sonic performance (hard-bypass)
- Soft-X-Fade switching technology that reduces the click noise associated with relay-based switchers

1.2 The Prostage System

Prostage stands for professional live-equipment. The XDS is plug and play. This means that you can plug it in and use it, without having to configure anything. You can easily store the settings for the loops directly at the unit.

Prostage foot controllers are connected to the XDS by one standard microphone cable! The StageWire technology developed by Prostage thereby achieves a secure connection between the foot controller(s) and the XDS. A standartd MIDI foot controller can be connect to [MIDI In] on the rear panel.

Prostage's philosophy is "control without limits". We want you to be able to setup your system exactly as you want it to work while keeping it as simple to use as possible. Therefore, there are lots of things inside the system you can configure yourself. To setup the additional features of the XDS, you need the System Manager software. This is available on our website for free download (Mac & PC).

You will notice that the chapters for connecting the system and the separate users manual for the Prostage System Manager software are very extensive, while the chapter "Programming & Operation" does not even fill a single page. This means: once you have configured the system properly, you will be able control your entire equipment with one single footstep.

If you have any questions, or if something does not work as you expect, please do not hesitate to contact us: info@prostage.eu. Your questions will also help us to improve this users manual.

The Prostage team wish you lots of fun with the new XDS and big success in your musical career.

Lukas Truninger
Founder & Developer

2 Terminology

2.1 MIDI

MIDI is Voodoo? This is wrong! Although, MIDI can do much more, what you need as a guitarist, is very simple. This is how MIDI works: A device - such as a foot controller – sends a command to another device - e.g. the XDS - using a MIDI cable. The transmitting device - the foot controller - notifies the recipient - the XDS - what it shall do. That's all.

You can connect your Prostage devices and use the basic functions directly, without having to deal with MIDI. If you want to use the advanced functionality of the system, you can find more detailed information on MIDI in the users manual of the System Manager software.

2.2 StageWire

StageWire is a further development of MIDI. The technology has been developed by Prostage specifically for the use on stage. StageWire is a connection where multiple devices communicate with each other (bidirectional) via a standard microphone cable.

Using StageWire, you can interconnect up to 14 Prostage foot controllers to control the XDS. The foot controllers are joined together in a chain. This means, you simply run a microphone cable from the first foot controller to the second, another cable from the second to the third foot controller, and so on. The foot controller(s) are supplied with power by the XDS.

2.3 Stompbox Mode = Instant Access = On/Off Switches

Instant Access are "direct-access switches." These on/off switches work like an analog pedal switch, which is connected directly to the amplifier, for example, to switch between the channels. So at the foot controller, you can define a switch, which is firmly assigned to a loop of the XDS. This switch, then, simply turns on and off the loop at the XDS.

2.4 Preset | Program Change

Presets are saved settings that can be recalled with a switch on the foot controller (= Program Change). A preset contains all settings of the amplifier and effects belonging to a sound (e.g. Clean). You create, for example, the following presets :

- Preset 1 (Clean) => Channel 1 of the amplifier & chorus switched on
- Preset 2 (Lead) => Channel 2 of the amplifier & delay and booster activated

If you press button 1 on the foot controller, the amplifier switches to channel 1 and the chorus is turned on. If you press button 2, the amplifier switches to channel 2. The delay and the booster are turned on. The chorus is turned off simultaneously.

So you can switch your complete guitar rig with a single button. You no longer need to perform a tap dance on different switches to adjust your sound.

2.5 Relay

The Prostage looper | switcher uses relays for switching the loops and switching outputs. Relays are remotely controllable switches.

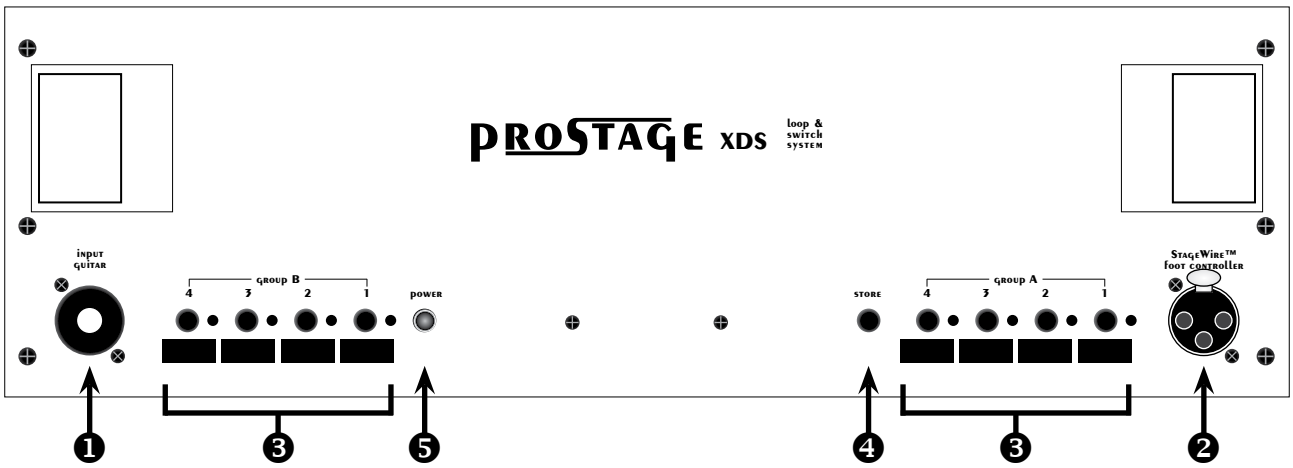
2.6 Bypass | Hard-Bypass

Bypass means that the signal is passed from the input jack of an effect device directly to its output. The effect is thus bypassed, ie it is off. With a hard-bypass, this is done with a relay. That is as whether the jacks are soldered directly to each other.

There are also devices that control the bypass electronically. In this case, at least one electronic component (an input amplifier) will always remain in the signal path. In the worst case, even the entire analog-to-digital and digital-to-analog converter chain remains in the signal path. Thus, the guitar signal will be affected even if the effect is off.

That is why you should always make sure that the device has a hard bypass. The Prostage looper are such hard-bypass systems.

3.1 The Front Panel



❶ Input Guitar

This jack connector routes the signal from the front panel to the rear panel. By default, this cable is plugged into the input of group A.

❷ StageWire | Foot Controller

Prostage foot controllers are connected to the StageWire connector of the XDS using a standard microphone cable. The cable can be up to 200 meters long. Also, a connection over an audio multicore is possible. The foot controller is phantom powered by the XDS. (=> A standard MIDI foot controller can be connected to the [MIDI In] on the rear panel.)

NOTE => StageWire does not work with phase reversed cables (microphones still work like this). Make sure that the cables are soldered properly.

IMPORTANT => "Old" Prostage foot controllers without StageWire connection are partly compatible with the XDS. Please contact us (info@prostage.eu) before you connect one of these foot controllers to the XDS!

❸ Audio Loop Buttons

These buttons turn the audio loops of the XDS on and off. The LED on the right side of each button is lit when the corresponding audio loop is on.

❹ Store Button

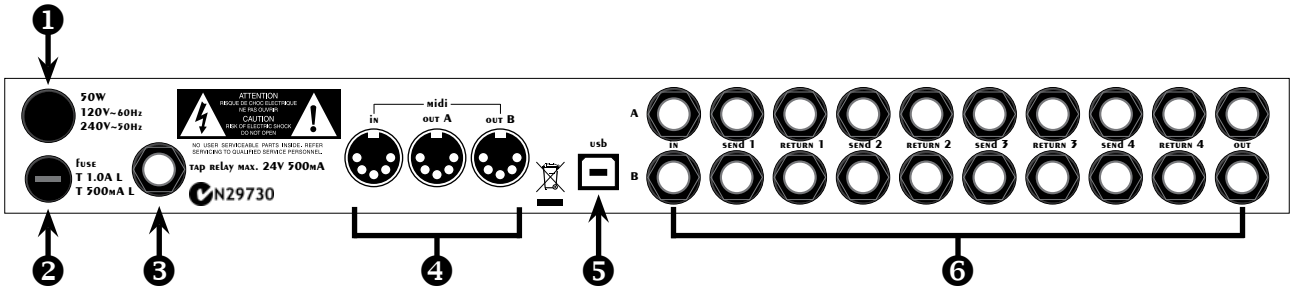
By pressing the Store button twice, the configuration of the eight loops is saved to the current preset number. The current preset number is the one last recalled in the XDS.

❺ Power LED

The red LED of the XDS indicates that the system is operating:

Blinking LED => the XDS is working, but no foot controller has been detected at the StageWire port.
Solid LED => The System is working and the communication with the foot controller works properly.
LED flickers => The XDS is receiving data on StageWire input.

3.2 The Rear Panel



❶ Power Cable

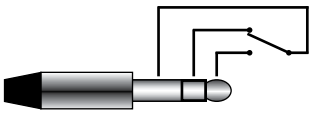
Depending on the country, the XDS is designed to operate on 110-120 or 220-240 volts. Before connecting the XDS to the grid, you must check whether the voltage printed on the XDS information is consistent with the country-specific mains voltage.

❷ Fuse

The fuse is used to protect the device. Defect fuses must be replaced using only equivalent fuses. Lower or higher values than indicated on the back of the equipment are inadmissible and can even lead to the destruction of the equipment.

❸ Tap Relais

The [Tap Relais] connection is an isolated switching contact. If your effects device has a connection for a tap-footswitch, you can connect it with the [Tap Relais] connection of XDS (using a normal jack cable). One switch on the foot controller can then be used to adjust tempo-based parameters of the effect unit such as delay times. This is done by beat-related tap on the switch.
Alternatively, the [Tap Relais] can also be used as a programmable switch to alter amp channels. The [Tap Relais] is a toggle switch:



Shield => common terminal
Ring => normally closed
Tip => normally open

❹ MIDI

MIDI In => You can connect a standard MIDI footswitch or a sequencer here to send MIDI commands to the XDS.

MIDI Out => MIDI data received at [MIDI In] or [StageWire] can be directly forwarded through MIDI [Out A], MIDI [Out B] or both (MIDI thru). Further, any MIDI commands processed by the MIDI mapping of the XDS can be sent via these outputs. There are lots of possibilities to map, distribute, modify and forward the MIDI data inside the XDS. These settings are made using the System Manager software (Please consult the users manual of the System Manager software).

❺ USB

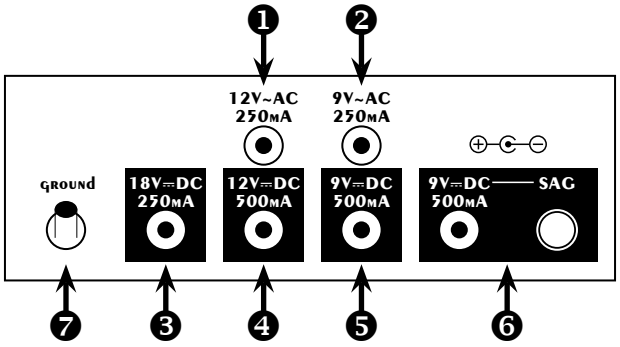
The USB connection is used for the communication with the System Manager software.

❻ Audio Connections

The XDS-8 provides two independent groups with four audio loops each. Please refer to chapter 5 for more information.

3.3 The Inside | Power Supply

=> Please also consult the notes in chapter 7 - "Connecting the Power Supplies" !



❶ Power Supply 12V AC

An effects unit powered with 12V AC (max. 250mA) can be connected here.

❷ Power Supply 9V AC

An effect device powered by 9V AC (max. 250mA) can be connected here, e.g. the Prostage Remote WahWah or the Booster | Impedance Matcher.

❸ Power supply 18V DC

One or more effect device(s) powered with 18V DC (max. 250mA taken together) can be connected here. The connection is short circuit and overload proof.

❹ Power supply 12V DC

One or more effect device(s) powered with 12V DC (max. 500mA taken together) can be connected here. The connection is short circuit and overload proof.

❺ Power supply 9V DC

One or more effect device(s) powered with 9V DC (max. 500mA taken together) can be connected here. The connection is short circuit and overload proof.

❻ Power supply 9V DC with SAG

One or more effect device(s) powered with 4-9V DC (max. 500mA taken together) can be connected here. The connection is short circuit and overload proof. The SAG potentiometer adjusts the voltage between 4-9V and "simulates" a dying battery. This affects the sound of transistor Fuzz, Octavia and distortion pedals.

❼ Ground

This switch affects the possibly occurring hum problems. It controls whether the ground of StageWire is connected to earth (chassis), to the audio ground or is not connected at all. If the switch is set toward the front side, StageWire ground is connected to earth. In its center position, it is not grounded at all. If the switch is set toward the rear side, StageWire ground is connected to audio ground. Usually, toward the front side is the best position. But if you have audio hum due to a grounding problem, switching this switch may eliminate the hum. Just try which position works best for your setup.

HINT => There is no connection between chassis/earth and audio ground inside the XDS. Audio ground should always be connected to earth inside the guitar amp only!

4.1 Fitting the XDS System in your Rack

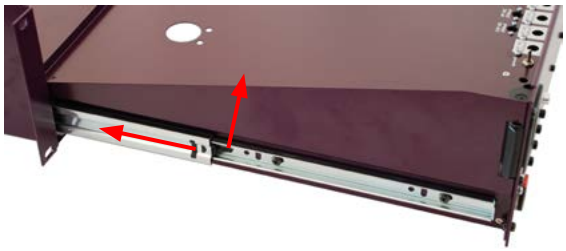
The XDS is made of aluminum to save weight. To keep stability, please consider the following when installing it into a 19" Rack:

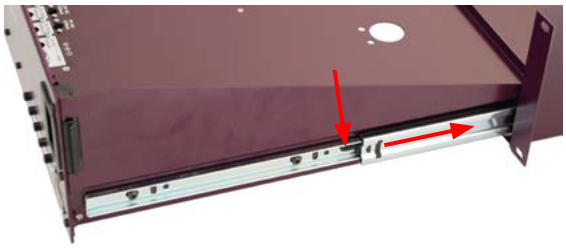
- Install the drawer at the very bottom of the rack and make sure that the rear part of the drawer is supported. If you want to install the drawer somewhere else than at the very bottom of your rack, we highly recommend you to prop up the rear part of the drawer. Keep in mind that your stompboxes may be more comfortable to handle if the drawer is installed at the very bottom of the rack. During the show, you can leave the drawer open without blocking the access to the other units in your rack.
- Do not install the XDS directly above or below the power amplifier. The mains transformer of the power amplifier can interfere into the effects (hum).
- The XDS ships with four big washers. Use them under the M6 screws with which the drawer is installed into the rack. The washers protect the ears/lugs and will make the construction sturdier.
- Make sure the drawer is completely closed before you tighten the screws. Tighten the two lower screws first. Before you tighten the upper screws, adjust the mounting ears so that they are parallel with the drawer. This way, you make sure that the drawer will close perfectly.

4.2 Fitting the Stompboxes (Pedal Effects) in the XDS

For easily wiring the effects, the drawer can be completely removed from the outer frame:

- Pull out the drawer as far as possible. There is a little black lever on both sliders.
- Push and hold the left one upwards and push the middle part of the slider backwards.
- Push and hold the right one down and push the middle part of the slider backwards.
- Now, you can remove the drawer completely.



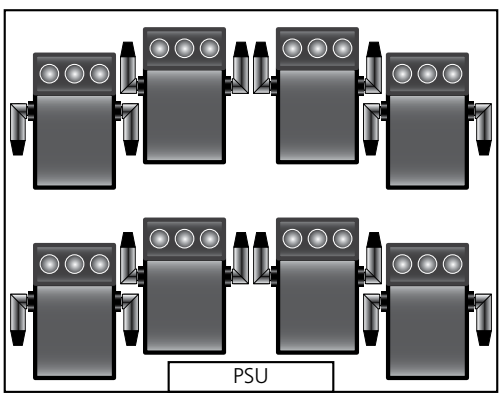


Before you can start with the wiring, you have to distribute all stompboxes in XDS first. The order in which they are distributed in the XDS does not have to be the same as in the signal path. But keep in mind that it will be more comfortable to use if they are placed in a logical order.

For this purpose, plug the 90-degree jacks into the stompboxes in order to include enough space for the plugs. Make sure that the plugs neither touch each other nor the chassis. Otherwise, you must isolate them using isolation tape when you are done with cabling to avoid ground loops (hum).

Depending on the placement, you have to drill additional holes into the wood plate. You will need them later to fit the stompbox using cable ties. To do so, the plate can be removed from the XDS. Alternatively, the stompbox can be fitted using the supplied velcro. Velcro strap does not hold as firmly as cable ties.

Using the following arrangement, eight stompboxes ("Boss"-size) can be fited into the XDS.



IMPORTANT => Building rack systems often leads to hum problems. To avoid this, the "Ultimative Guitar Rig Building Guide" is available for free download on our website. The guide applies not only to the XDS, but concerns the entire guitar rack building. We strongly recommend you to read this guide before you start wiring your guitar rig.

www.prostage.eu/guitar-rig-building.html

5.1 General Information about the Loops

Audio loops are used to include effects devices into the signal path - respectively, exclude them completely from the signal path when the effect is not used. The XDS is a true-bypass loop system. This means that the signal from the input goes directly to the output when no loop is switched on. The effects are only in the signal path when the corresponding loop of the XDS is turned on. Therefore, the stompboxes have to remain switched on all the time. The loops can also be used to distribute the signal to different amplifiers (switchable) or mute the signal for tuning.

The four audio loops of one group are connected in series. Each loop is connected internally to the next. When a loop is off, the Send and Return jacks are bypassed for this loop. The audio signal passes directly to the next loop, respectively, to the Out. If the loop is switched on, the guitar signal is routed to the Send jack. The Return jack is connected with the next loop, respectively with the Out. Thus, the connected effect unit is inserted in the signal path.

Group A and B of the XDS are completely independent of each other (electrically isolated). This means that there is no ground connection between group A and B. Thus the two groups can be used for completely different signals.

5.2 Connecting the Stompboxes

Basically, your guitar is connected to the [In] of a loop group and the [Out] of the group is connected to the amplifier. If you want to switch the effects used in the Send / Return of your guitar amp, connect the [Send] of the amp to the [In] of a loop group on the XDS. The [Out] of the loop group is connected to the [Return] of the amp.

A [Send] of the XDS is connected to your effect units [In]. The effect [Out] is connected to the related [Return] of the XDS. If you like to use all eight loops in series (e.g. all effect units are before the amplifier), connect [Out A] with [In B] using a short Jack-Jack cable.

To connect the stompboxes with the Send/Return of the XDS, you usually need cables with a straight jack at one end (XDS) and an right-angled Jack at the other end (effect). We recommend to cut the cables to the required length in order to wire the system tidily. Once the effect is connected, you can fix it with a cable tie on the wooden pedalboard.

There are three big holes in the bottom where you can pass the cables. You can attach them with cable ties. You can also pass the cables on the back of the drawer. There is a bar on the back where you can attach the cables.

More connection examples can be found in chapter 6.

5.3 Connecting External Units to the XDS

Of course, you can also connect 19"effect units to the XDS as well as very big stompboxes, which are located in a separate drawer or panel. First, plug the cables for external units into the XDS and attach them to the bar at the back of the drawer using cable ties. Before you connect the other end or shorten the cables, make sure that they are long enough even if the drawer is pulled out completely.

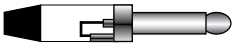
You can simply let the cable to the amplifier and the USB cable hang out on the back (we recommend to plug the USB cable permanently into the XDS and fit it to the bar at the back).

If you prefer it 100% professionally, you need a separate patch panel on the back or front of your rack. Hard-wire the cables to the plugs of the patch panel and fit them to the panel. Make sure that the cables are neither to long nor to short to pull out the drawer. Lay them in a arc in order to open and close the drawer easily.

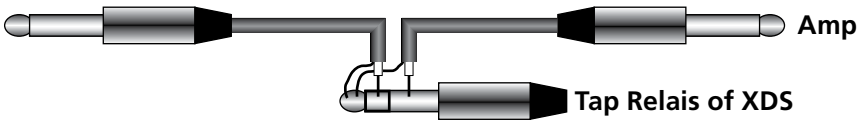
5.4 Tuner/Mute Function

You can use one loop as a Tuner/Mute function:

- Connect the Input of your tuner to the Send (the Output of the tuner will not be connected).
- Plug a short-circuited Jack-plug into the Return (Tip connected with shield).

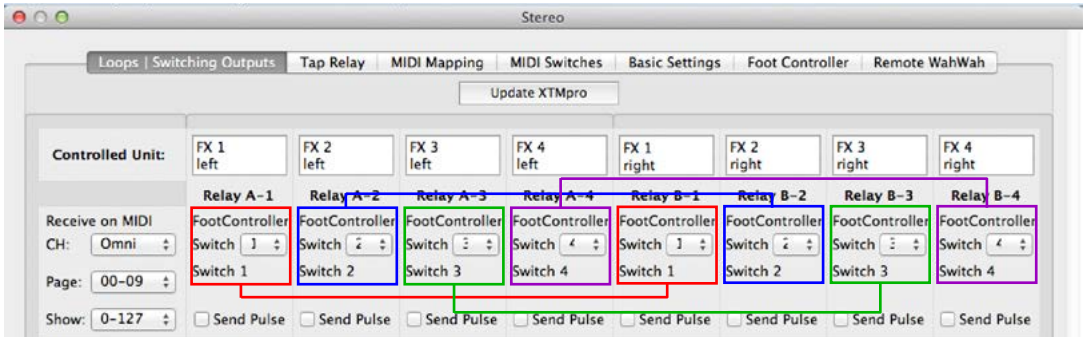
Mute plug: 

Tip => You can also use the [Tap Relais] as a mute function if you wire a special cable:



5.5 Stereo

The XDS-8 can be used as a four-loops stereo system. Group A is your left channel, group B the right channel. In order to link the two groups, you have to assign the same "Foot Controller Switch" to relay 1 of Group A as to relay 1 of group B inside the System Manager software, and so on... (see chapter 5.3 in the System Manager software user guide).



If you like to use up to six loops in mono and only the last effect in stereo, there is a custom solution. Please contact Prostage for more information.

5.6 Stompboxes with two switches

If you have a stompbox with two or more switches, you can also control it with the XDS loop system. If this is the case, please contact Prostage for customizing the system.

5.7 The Soft-X-Fade Feature

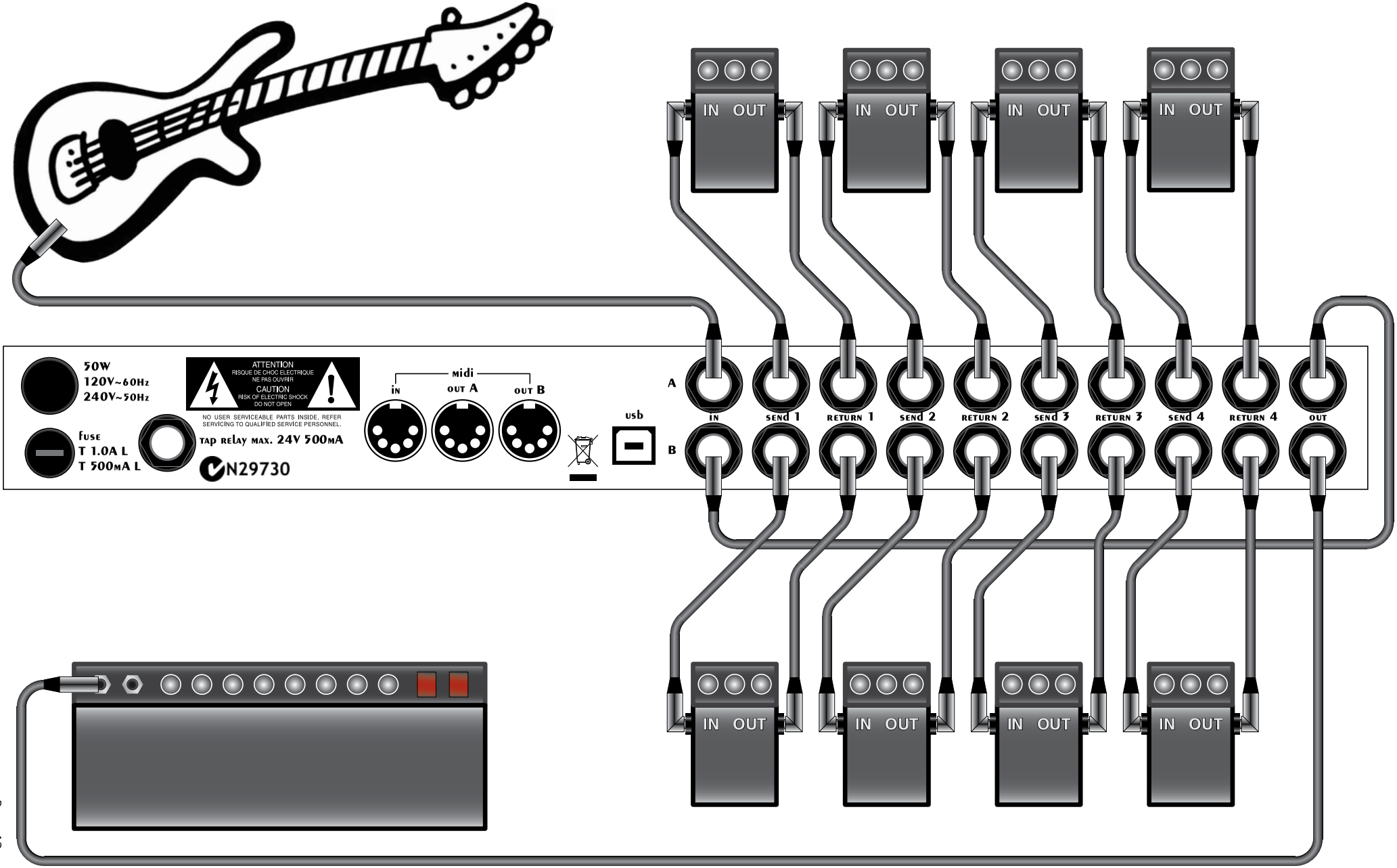
The XDS uses gold plated relays to switch the loops. Relays are the only switching method available without affecting the sound quality. The disadvantage of relays is that they can produce a slight click in your audio signal when they switch. This is more noticeable when using a high gain amplifier or overdrive and distortion pedals.

Therefore, the Prostage loop systems are equipped with a Soft-X-Fade feature - also known as "Click Stopper". This feature suppresses the audible click noise by briefly muting the audio output when the relays switch. Further, it makes preset changes sound more natural.

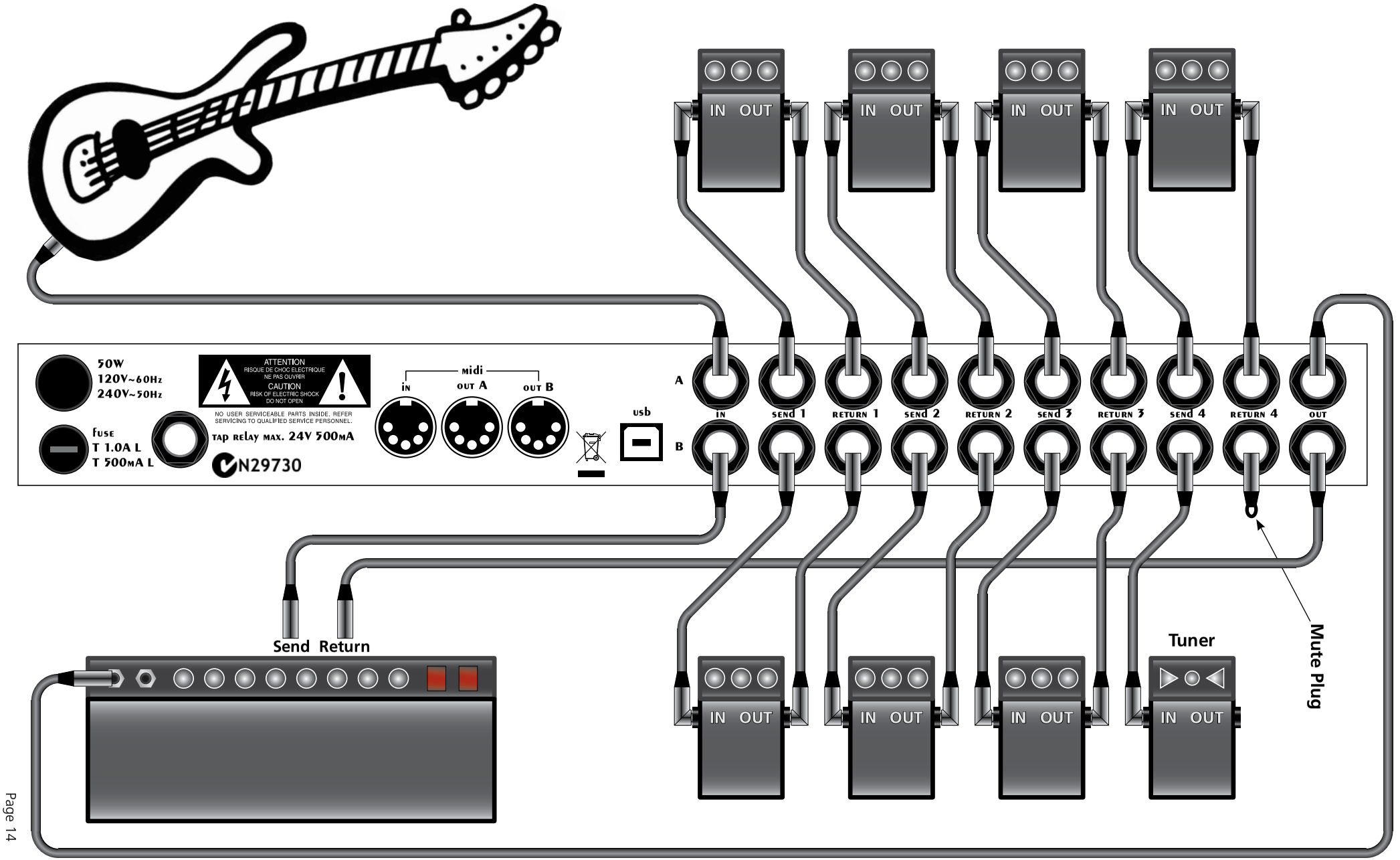
The Soft-X-Fade is suited at the Output of each loop group. You can turn off this feature using the System Manager software. If you are using all eight audio loops for stompboxes used before your amplifiers input, you should disable the Soft-X-Fade of group A (only the Soft-X-Fade feature at the end of the effects chain, thus Out B will be used). If you are using group A before the amp, and group B in the Send/Return of your amp, you can turn off the Soft-X-Fade of group B (switching effects after the preamp/distortion are by far not as critical and no audible click will be produced).

Tip => The plugs of the connection cables can be labeled with the enclosed stickers.

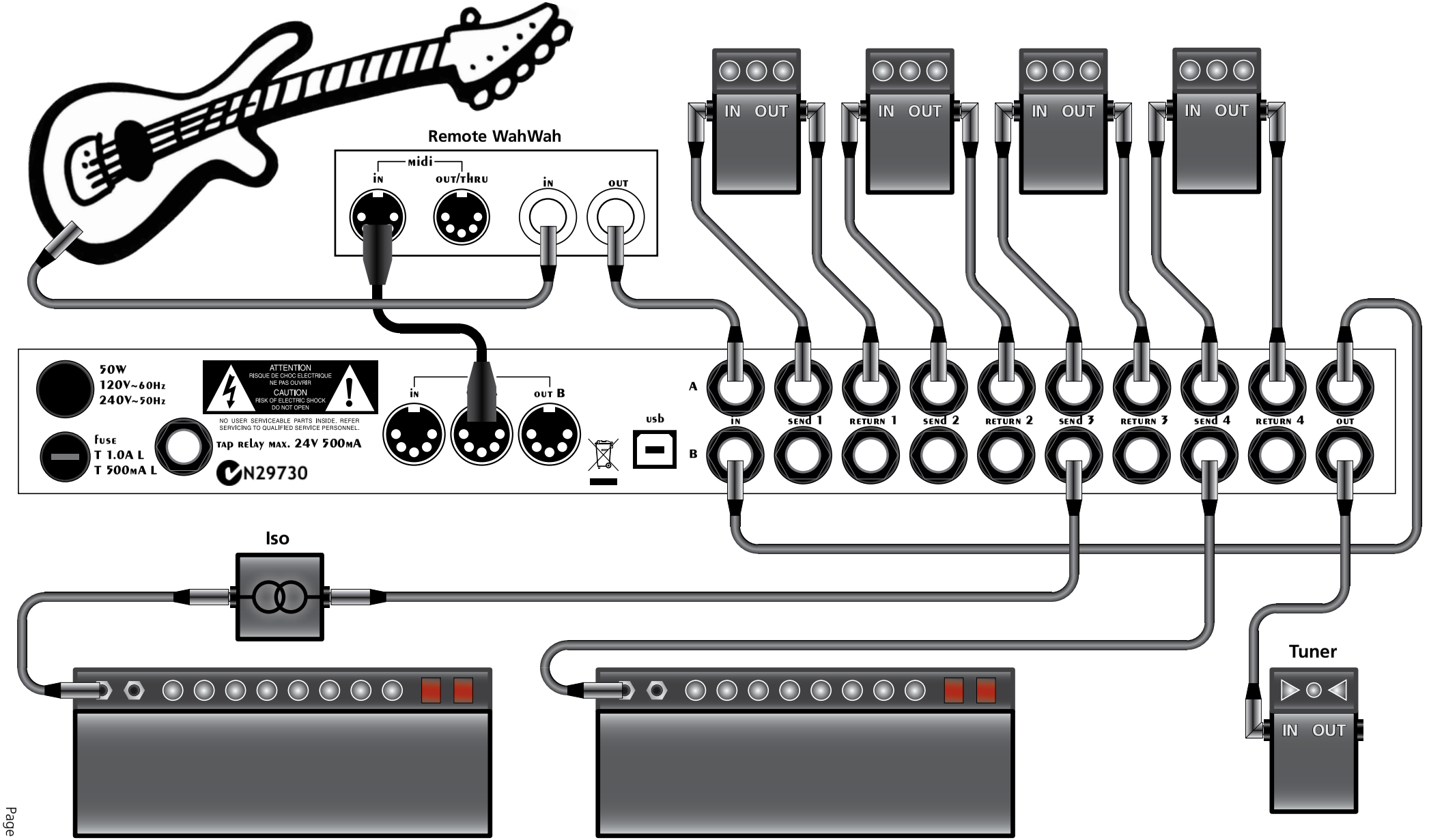
6.1 Connection Sample 1 => 8 Effects before the Amp



6.2 Connection Sample 2 => 4 Effects before the Amp | 3 Effects in the Send/Return of the Amplifier plus Tuner/Mute Function



6.3 Connection Sample 3 => 4 Effects and 2 Amplifiers (Switchable)



7 Connecting the Power Supplies

The XDS offers six fully independent power supplies (galvanically isolated). Two of them provide alternating current (AC). The other four provide direct current (DC). The DC power supplies are protected against short circuit and overload. The inner pin is the negative pole, the outer pin is the positive pole.

IMPORTANT => Before you connect an effect to the power supply of the XDS, it is mandatory to check whether the voltage type (AC or DC) and the voltage (V) match. For DC devices, the polarity (+ -) must match too. Furthermore, the power consumption of the connected effect must not exceed the value (mA) specified at the power socket of the XDS.

7.1 Connection & Adaptor Cables

The XDS ships with different connection and adaptor cables. Depending on the connector of your stompbox, you will need the one or the other adaptor.

- **Normal connection cable**

With this cable, a single effect is connected to the powersupply of the XDS.

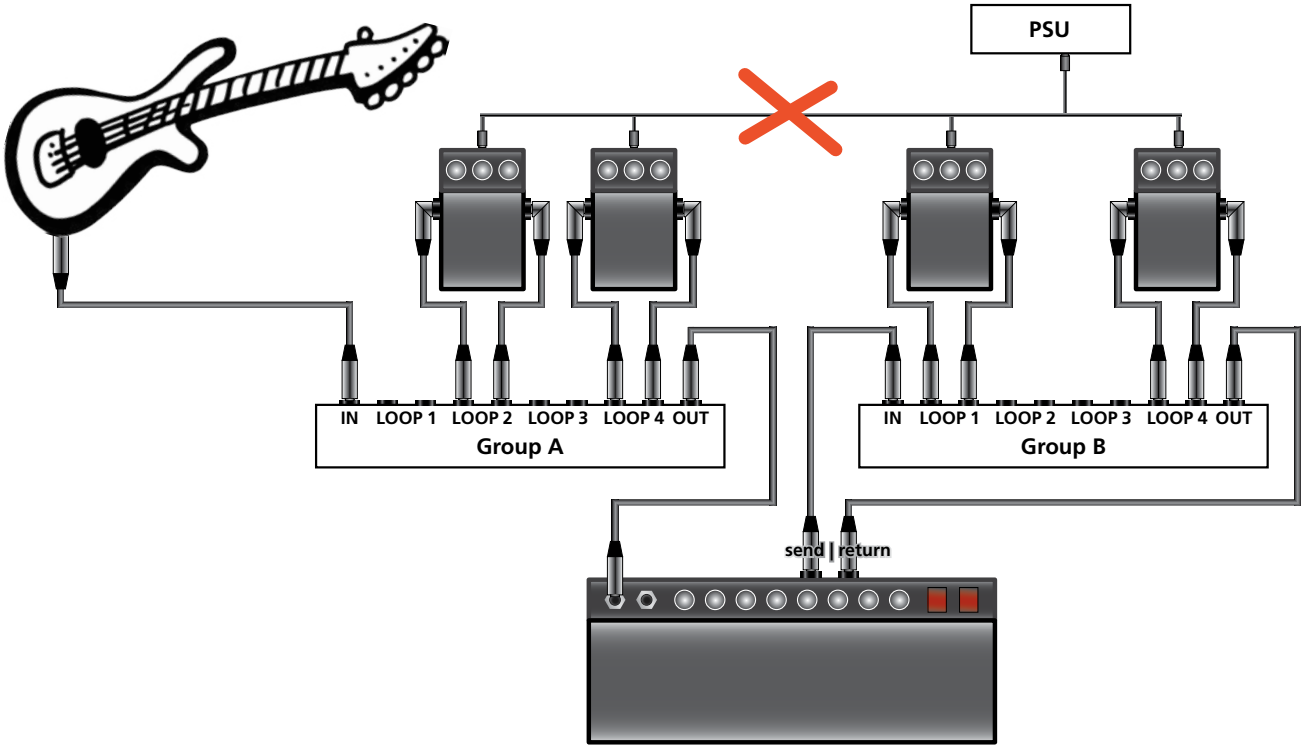
- **5-Plugs Distribution Cable**

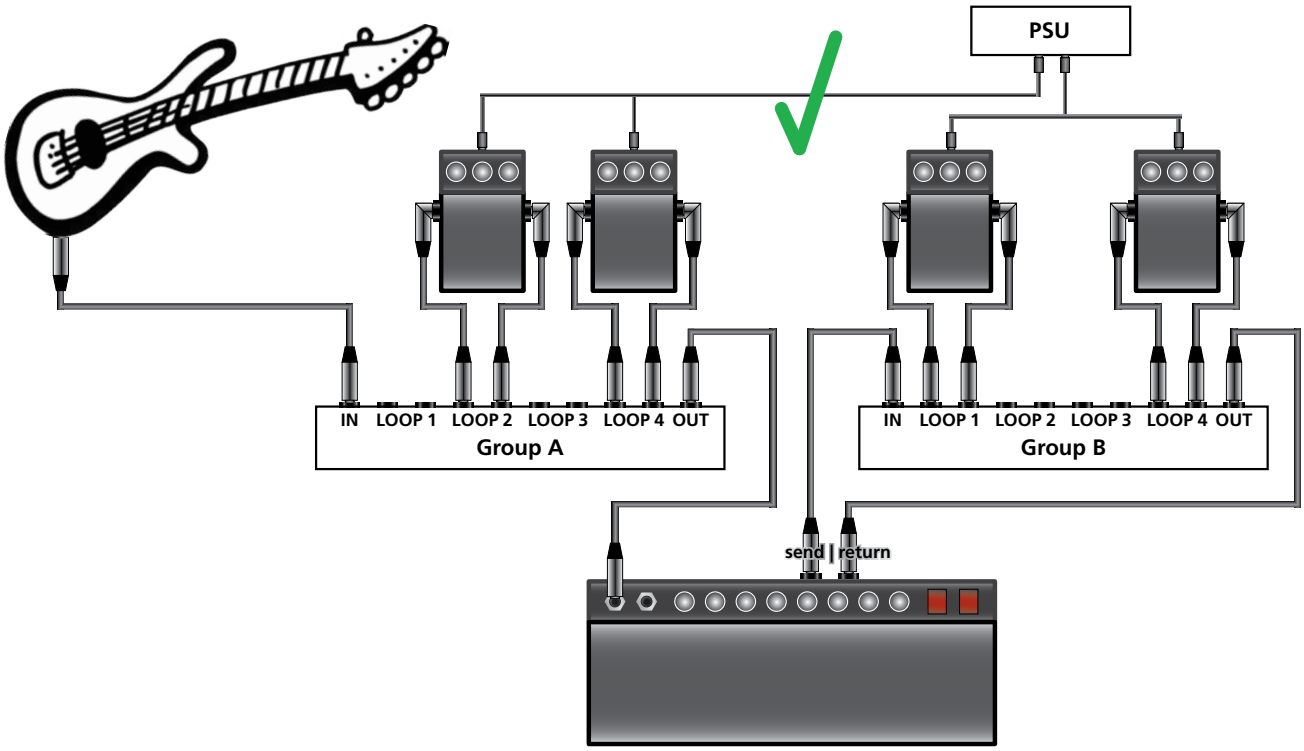
If you have several stompboxes powered with direct current (DC) and the same voltage, you can connect them to a single power supply using the 5-plugs distribution-cable. All effects together must not consume more current (mA) than specified at the power jack of the XDS. If you do not need all five plug, isolate the unused ones with insulating tape!

IMPORTANT => At the AC connections only one device can be connected. The multiple distribution cables must not be used at the AC terminals. Furthermore, do NOT use the polarity adaptor (red plug) together with the 5-plugs distribution cable.

IMPORTANT => Only if you have connected the "Out" of group A directly to the "In" of group B (using a short jack cable), you can use the same power supply for the stompboxes in group A as for those in group B. Otherwise, DO NOT use the same power supply. In this case, the stompboxes in group A and group B must be powered independently (see draft on the next page).

Proper use of power distribution cables:





- **Battery Clip**

There are effects that do not have a connection for an external power supply, but are only intended for battery operation. These effects can be connected with the power supply of the XDS via the battery clip adapter.

- **Adaptor 2.1mm => 2.5mm**

Although the power connectors look the same in the effects, there are two different standards. With most sockets, the inner pin is 2.1mm. But there are also manufacturers that use 2.5mm, and then the "normal" connection cable does not fit into the socket. In this case you can put this adaptor in between.

- **Mini-Jack Adaptor**

Effect units that have a mini-jack connector instead of the usual power socket can be connected with this adaptor.

- **Polarity Adaptor**

By default the negative pole is on the inner pin of the power socket. But even here there are manufacturers who do the opposite. In this case, you can invert the polarity with the red marked adapter. Do NOT use the polarity adaptor together with the 5-plugs distribution cable.

NOTE => Additional power & adapter cables can be purchased from Prostage.

7.2 "Power hungry" effect units and special power supplies

Effects that need a special power supply or consume a lot of power, such as Electro Harmonix, must be powered by the original power supply. We recommend to fit the power supply on the back of the rack, outside the XDS. Run the power cable for the effect into the drawer. The cable can be attached to the bar on the back of the XDS.

8 Programming & Operation

IMPORTANT => The effects themselves must always remain switched on, because not the effect itself is switched, but its signal routing.

8.1 Creating Presets directly at the XDS

Inside the XDS, you can save 128 presets. The settings of the loops, i.e. whether the effect is in the signal path or not, can be easily programmed:

- First, choose on the foot controller the program number for which you want to save the settings. Thus, the corresponding preset is recalled in the XDS.
- Enable / disable the effects as you like them to be activated in this preset using the switches on the XDS.
- Finally, press the store button twice. Thus, the current setting of the eight loops will be stored to the current preset number. To indicate that the new preset is stored, the red LED turns off for a brief moment.

IMPORTANT => Whenever a loop or switching output is switched, whether by hand or by preset changes, the XDS sends the new switching state on the StageWire bus, so that all foot controller (eg X07) display the switches current state.

8.2 Switching the Relays with Instant Access Switches (Stompbox Mode | Direct Switching w/o Presets)

The loops can also be switched on and off directly with a switch on the foot controller, so as with a simple analog footswitch. At the foot controller, one or more switches have to be assigned to this function (e.g. using the Prostage X07). If you use a "standard" MIDI foot controller, this is done by using Control Change (CC) messages. Which button on the foot controller switches which loop is set by the System Manager software.

8.3 Programming with the System Manager Software

All further programming such as setting of the MIDI channel can be done with the Prostage System Manager software (PC or Mac). The software and its users manual can be downloaded for free on our website:

www.prostage.eu = > Support = > Download

9 Firmware Upgrade

The firmware is the operating system, the software within the XDS. New firmware adds more functionality to the system. You can upgrade the firmware to the latest version yourself. All information about this can be found in the manual of the System Manager software.

10 MIDI Implementation Chart

The XDS is part of the coherent Prostage system. The XDS handles all MIDI data as they are configured by the System Manager software. Therefore you will find the MIDI Implementation Chart in the manual of the System Manager software.

11 Warning Instructions and Warranty

11.1 Warnings and Safety Instructions

For reasons of the product liability, we are obligated to make clear certain safety aspects which must not be ignored under any circumstances. The device must **not be stored or operated in damp or wet environment.** Before you connect the XDS to the power grid, make sure that the **tension of the equipment corresponds** with the mains voltage of the **country-specific grid**. If the data of the power grid does not match the data printed on the back of the equipment, it must not be connected to the grid under any circumstances. The power plug of the equipment must be easily accessible so that it can be disconnected from the grid. In addition, we recommend you to connect the equipment to a switchable current distribution.

The device serves for routing guitar signals as well as for controlling amplifiers and must be used exclusively for this purpose.

The equipment must be opened only by qualified technical personnel. Inside the device, **lethal tensions** arise. In addition, there are no user serviceable parts inside the device.

In order to avoid damages, you should be careful when transporting and setting up the devices. Please **avoid strong variations in temperature.** Particularly the change from the cold transport vehicle to the, usually warm, stage can cause condensing humidity, which can cause leaks and thus can evoke defects. Usually, 60 minutes are sufficient to equalize the temperature. For transportation, always carry the devices in a robust packing or rack, especially if you change your place of work frequently.

Defect fuses must be replaced exclusively using equivalent fuses. Lower or higher values than indicated on the back of the equipment are inadmissible and can even lead to the destruction of the equipment. For supply of current, only use three-core cables / **plugs with earthing contact** which are in technically perfect condition.

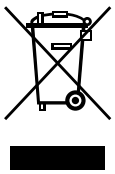
No containers filled with liquid may be placed on the equipment!

11.2 Warranty / Support

All Prostage PurpleLine units are covered by a **2-year warranty**. Prostage shall not be liable if the damage was caused by inappropriate use or if the units are not connected as described in this users manual. There are no user serviceable parts inside the unit. The detailed terms of the warranty can be downloaded on the Prostage website.

If you need technical support, please contact your local dealer or email info@prostage.eu

11.3 Disposal of Old Devices



The PurpleLine products are subject to the European guideline 2002/96/EC. All old electric and electronic devices must be disposed separately from the domestic waste, using the collection points provided by the government. The devices must not be disposed with domestic or skip refuse. Information about collecting points or collection dates, can be asked from the local administration or the local waste management company.
Please also carry the packing to an environmentally fair disposal. Cardboard boxes can be transferred with wastepaper collections or to the public collecting stations for recycling. Foils of the shipment are collected by the local waste management company and are forwarded to environmentally fair disposal.

12 Declaration of Conformity

Company: Prostage SL
Apdo 57
ES-07560 Cala Millor

Type of equipment: PurpleLine System

Trademarks: Prostage / StageWire

Models: XDS, XLS, XTMpro, X10, X07, X05, X01, XB1

The products meet the requirements of the following standards:

EMC: EN 55103-2 | EN 55103-1:2009 | EN 55103-2:2009
EN 61000-3-2
EN 61000-4-2 | EN 61000-4-3 | EN 61000-4-4 | EN 61000-4-5 | EN 61000-4-3 | EN 61000-4-11
Safety: IEC 60065:2001 | EN 60065:2002 / A1:2006 / Cor.:2007 / A11:2008

Year: 2011

Cala Millor, 14. Dezember 2011 Lukas Truninger, CEO

Information to the user:

Class B Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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